

ABSTRACT

IMPROVEMENTS RELATING TO IMAGE CAPTURE SYSTEMS

- 5 An electronic image capture apparatus is disclosed comprising: an
 electronic camera ~~(2)~~ having a detector ~~(3)~~, a lens ~~(4)~~ having a field of
 view which is adapted to limit the radiation incident upon the detector to
 that within the field of view, an actuator ~~(7)~~ for moving the field of view
 across the document, ⁵⁰ a control means ~~(20)~~ for controlling the actuator to
 10 move the camera across the document so as to obtain a set of overlapping
 sub-images corresponding to different areas of the document, and
 electronic processing means adapted to receive the set of sub-images
 produced by the camera and to process the sub-images ⁵⁰ to form a
 composite image of the portion of the document covered by the set of sub-
 15 images. A set of processable sub-image files are produced which each
 comprise a data set of characters corresponding to characters appearing in
 a respective sub-image in the set and the relative location of the characters ⁵⁰
 in that sub-image. The contents of each of the processable sub-image files
 are stitched into a blank text document by applying logical operators to
 20 the data in the files to produce a complete composite text document
 containing data indicative of the textual content of the scanned document. ⁴⁸

To be accompanied when published by Figure 1 of the drawings.

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